

Application/Control Number: 09/996,577
Art Unit: 2683

Docket No.: 2001-0237

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled).
2. (Currently Amended) An architecture that supports a plurality of different multimedia communication protocols and applications, each application having at least one multimedia application functional entity, the architecture comprising:
a common mobility management protocol shared by said different multimedia applications for messaging between a given multimedia application functional entity and a mobility management functional entity, including one of an authentication function, a home location function or a visitor location function for mobility management, and for messaging between two of said mobility management functional entities, wherein:
The ~~the~~ common mobility management protocol further ~~comprises of claim 1~~ comprising an address template for defining a set of address identifiers and profile information for completing an attempted communication to an identified address; and
a descriptor for carrying [[the]] address information.
3. (Currently Amended) The common mobility management protocol of claim 2,
wherein said descriptor comprises:
a unique identifier for the descriptor;
a template; and
a functional entity identifier indicating an owning functional entity of said descriptor.

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4. (Currently Amended) The common mobility management protocol as recited in claim 3, wherein said unique descriptor identifier comprises:
a time said descriptor last changed; and
said template comprises a template life field.
5. (Canceled).
6. (Currently Amended) The common mobility management protocol of claim 4,
~~wherein further comprising~~ a descriptor update message ~~updates to update~~ a template before
[[its]] ~~a life of the template~~ expires.
7. (Currently Amended) The common mobility management protocol of claim 4,
~~wherein further comprising:~~
a descriptor request message, ~~wherein results in~~ a descriptor confirmation message,
identifying all templates conforming to a specified descriptor, ~~is sent in response to receiving~~
~~the descriptor request message.~~
8. (Currently Amended) In an architecture supporting a plurality of different multimedia communications protocols and applications, each application having at least one multimedia application functional entity, the architecture comprising:
a common mobility management protocol shared by said different multimedia applications for messaging between a given multimedia application functional entity and a mobility management functional entity, including one of an authentication function, a home location function or a visitor location function for mobility management, and for messaging between two of said mobility management functional entities, wherein:
a message comprises common fields and message-specific data, and

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The the common mobility management protocol of claim 5 wherein further comprises:

a service request message comprises the comprising an identity of [[the]] an element and a domain requesting service, supported security and a suggested lifetime for a service relationship.

9. (Currently Amended) The common mobility management protocol of claim 2, wherein said template comprises an address string including a Boolean flag indicator as a wild card.

10-14 (Canceled).

15. (Currently Amended) A method as recited in claim 11, A method of messaging between management application functional entities and mobility management functional entities and between mobility management functional entities, the method comprising:
receiving a descriptor request message at a descriptor owning functional entity;
matching said descriptor request message with a plurality of templates;
transmitting a descriptor confirmation message with all matching templates; and
resolving mobile terminal conflicts responsive to receipt of a descriptor, wherein:
said descriptor owning functional entity owns [[a]] said descriptor, and
said descriptor comprising comprises address data, routing data and service profile data and said method further comprises the step of resolving mobile terminal conflicts responsive to receipt of said descriptor.

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16. (Currently Amended) ~~A method as recited in claim 11~~ A method of messaging between management application functional entities and mobility management functional entities and between mobility management functional entities, the method comprising:
receiving a descriptor request message at a descriptor owning functional entity;
matching said descriptor request message with a plurality of templates; and
transmitting a descriptor confirmation message with all matching templates, wherein:
said descriptor comprises a group of at least one template, said template defining one of a set of at least one address identifier and service profile data.

17-22 (Canceled).